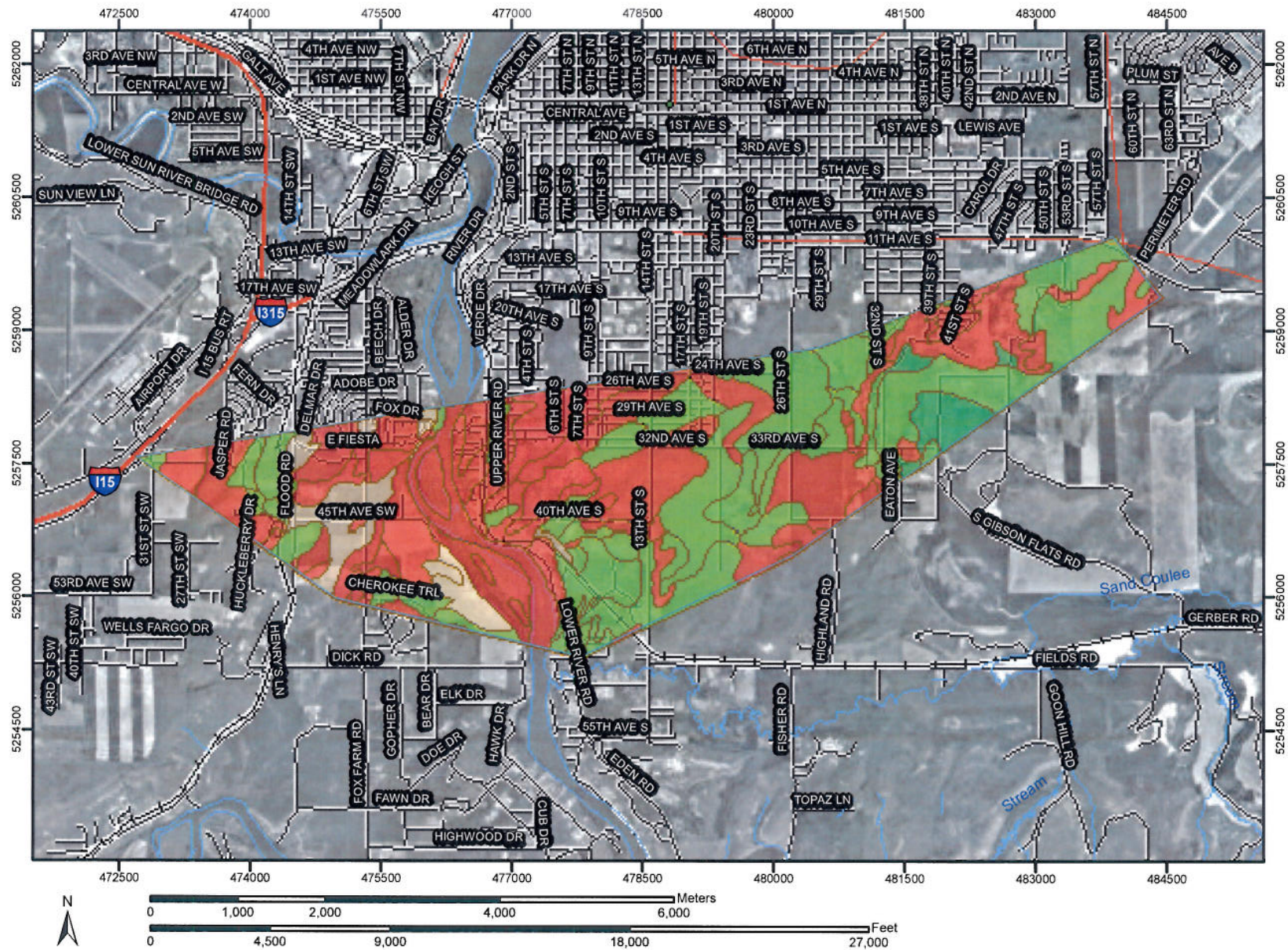



Farmland Classification—Cascade County Area, Montana
(Great Falls South Arterial)



Farmland Classification—Cascade County Area, Montana
(Great Falls South Arterial)

MAP LEGEND









Area of Interest (AOI)








 Area of Interest (AOI)

Soils

 Soil Map Units



Soil Ratings

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season



-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of local importance
-  Farmland of unique importance
-  Not rated or not available

Political Features






Municipalities

-  Cities
-  Urban Areas

Water Features

-  Oceans
-  Streams and Canals

Transportation

-  Rails
- Roads**
-  Interstate Highways
-  US Routes
-  State Highways
-  Local Roads
-  Other Roads

MAP INFORMATION

Original soil survey map sheets were prepared at publication scale. Viewing scale and printing scale, however, may vary from the original. Please rely on the bar scale on each map sheet for proper map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: UTM Zone 12N

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Cascade County Area, Montana
Survey Area Data: Version 7, May 2, 2007

Date(s) aerial images were photographed: 7/8/1995; 8/9/1995

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Farmland Classification

Farmland Classification— Summary by Map Unit — Cascade County Area, Montana				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
2	Abor-Yawdim clay loams, 4 to 8 percent slopes	Not prime farmland	45.1	0.8%
5	Absarokee clay loam, 4 to 8 percent slopes	Farmland of statewide importance	9.2	0.2%
15	Assinniboine fine sandy loam, 0 to 4 percent slopes	Farmland of statewide importance	27.9	0.5%
16	Assinniboine fine sandy loam, 4 to 8 percent slopes	Farmland of statewide importance	44.3	0.8%
18	Azaar fine sandy loam	Farmland of statewide importance	9.0	0.2%
21	Big Timber-Castner complex, 8 to 30 percent slopes	Not prime farmland	124.4	2.3%
22	Big Timber-Castner complex, 30 to 70 percent slopes	Not prime farmland	37.7	0.7%
28	Bitton and Roy soils, 10 to 65 percent slopes	Not prime farmland	196.5	3.6%
38	Castner-Sinnigam complex, 2 to 15 percent slopes	Not prime farmland	82.4	1.5%
46	Crago-Yawdim complex, 15 to 45 percent slopes	Not prime farmland	141.3	2.6%
48	Darret silty clay loam, 8 to 20 percent slopes	Not prime farmland	14.6	0.3%
49	Darret-Castner complex, 2 to 8 percent slopes	Not prime farmland	8.2	0.2%
53	Dooley sandy loam, 0 to 4 percent slopes	Farmland of statewide importance	308.1	5.6%
54	Dooley sandy loam, 4 to 8 percent slopes	Farmland of statewide importance	133.0	2.4%
55	Dooley sandy loam, 8 to 15 percent slopes	Not prime farmland	34.2	0.6%
76	Farnuf loam, 2 to 4 percent slopes	Farmland of statewide importance	101.2	1.9%
78	Fergus clay loam, 2 to 4 percent slopes	All areas are prime farmland	33.3	0.6%
80	Fergus silty clay loam, 0 to 2 percent slopes	All areas are prime farmland	122.0	2.2%
85	Gerber silty clay loam, 0 to 4 percent slopes	Farmland of statewide importance	335.8	6.1%

Farmland Classification— Summary by Map Unit — Cascade County Area, Montana				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
88	Gerber-Lawther silty clays, 4 to 8 percent slopes	Farmland of statewide importance	175.5	3.2%
94	Harlem silty clay loam	Farmland of statewide importance	49.3	0.9%
96	Havre loam	Prime farmland if irrigated	9.6	0.2%
105	Ipano-Hillon complex, 0 to 4 percent slopes	Farmland of statewide importance	426.1	7.8%
106	Ipano-Hillon complex, 4 to 10 percent slopes	Not prime farmland	310.8	5.7%
114	Kobar silty clay loam, 0 to 2 percent slopes	Prime farmland if irrigated	90.8	1.7%
115	Kobar silty clay loam, 2 to 4 percent slopes	Prime farmland if irrigated	210.9	3.9%
116	Kobar silty clay loam, 4 to 8 percent slopes	Farmland of statewide importance	20.2	0.4%
118	Korent loam	Farmland of statewide importance	6.6	0.1%
119	Lallie silty clay loam	Not prime farmland	1.0	0.0%
124	Lawther-Gerber complex, 8 to 15 percent slopes	Not prime farmland	54.0	1.0%
127	Lihen loamy sand, 2 to 8 percent slopes	Not prime farmland	178.0	3.3%
128	Lihen loamy sand, 8 to 20 percent slopes	Not prime farmland	56.7	1.0%
139	Marias silty clay, 0 to 2 percent slopes	Not prime farmland	196.8	3.6%
140	Marias silty clay, 2 to 4 percent slopes	Not prime farmland	53.7	1.0%
141	Marias silty clay, 4 to 8 percent slopes	Not prime farmland	0.6	0.0%
147	McKenzie clay	Not prime farmland	12.5	0.2%
164	Rentsac-Ethridge complex, 2 to 25 percent slopes	Not prime farmland	8.8	0.2%
165	Rivra gravelly sandy loam	Not prime farmland	48.4	0.9%
172	Ryell-Rivra complex	Not prime farmland	160.6	2.9%
186	Tally fine sandy loam, 0 to 2 percent slopes	Farmland of statewide importance	143.2	2.6%
187	Tally fine sandy loam, 2 to 8 percent slopes	Farmland of statewide importance	310.2	5.7%
188	Tally fine sandy loam, 8 to 15 percent slopes	Farmland of statewide importance	17.4	0.3%

Farmland Classification— Summary by Map Unit — Cascade County Area, Montana				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
190	Tally-Castner complex, 15 to 35 percent slopes	Not prime farmland	45.1	0.8%
197	Thebo clay, 0 to 4 percent slopes	Not prime farmland	79.1	1.4%
199	Ticell-Castner complex, 0 to 4 percent slopes	Not prime farmland	49.2	0.9%
205	Torex loamy sand, 0 to 6 percent slopes	Not prime farmland	171.4	3.1%
207	Twin Creek loam, 2 to 8 percent slopes	Farmland of statewide importance	101.7	1.9%
211	Virgelle loamy fine sand, 0 to 2 percent slopes	Not prime farmland	90.6	1.7%
222	Work clay loam, 0 to 2 percent slopes	Prime farmland if irrigated	2.9	0.1%
231	Yawdim-Rentsac-Cabbart complex, 15 to 50 percent slopes	Not prime farmland	45.6	0.8%
232	Yawdim-Rock outcrop complex, 25 to 70 percent slopes	Not prime farmland	2.2	0.0%
233	Yetull loamy sand, 4 to 20 percent slopes	Not prime farmland	245.6	4.5%
236	Gravel pits	Not prime farmland	104.3	1.9%
237	Water	Not prime farmland	181.4	3.3%
Totals for Area of Interest (AOI)			5,469.0	100.0%

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower